ANSWER 9 OF 11 DGENE (C) 2002 THOMSON DERWENT
ACCESSION NUMBER: AAY05743 Protein DGENE
TITLE: Identifying agonists and antagonists of tumor necrosis factor related receptors TR1, TR3 and TR5, and of ligand TL3, useful for treatment of cancer, AIDS, Alzheimer's disease, bone disease etc
INVENTOR: McDonnell P C; Young P R; Zou J
PATENT ASSIGNEE: (SMIK) SMITHKLINE BEECHAM CORP.
PATENT INFO: EP 911633 A1 19990428 23p
APPLICATION INFO: EP 1998-203332 19981002
PRIORITY INFO: US 1997-61334 19971008
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 1999-246560 [21]
AN AAY05743 Protein DGENE
AB The present sequence represents tumour necrosis factor receptor (TNFR) TR31, also known as DR3, **Apo3**, WSL-1 or LARD. The invention relates to TNFR related polypeptides TR1, TR3 and TR5 (see AAY05742-44) and their ligand TL3 (see AAY05745). TR1, TR3, TR5 and TL3 are used in claimed methods of identifying agonists and antagonists, i.e. compounds that bind to the receptors or ligand, and which activate (agonist) or inhibit activation of (antagonists) TR1, TR3, TR5 or TL3. A screening kit for identifying agonists, antagonists, ligands, receptors, substrates, enzymes etc. for TR1, TR3, TR5 or TL3 polypeptides is provided. The agonists and antagonists are useful for treatment of chronic and acute inflammation, arthritis, septicaemia, autoimmune disease e.g. inflammatory bowel disease, psoriasis, transplant rejection, **graft versus host disease**, infection, stroke, ischaemia, acute respiratory disease syndrome, restenosis, brain injury, AIDS, bone diseases, cancer (e.g. lymphoproliferative disorders), atherosclerosis, Alzheimer's disease, etc., caused by imbalance of TR1, TR3, TR5 or TL3.

ANSWER 18 OF 23 DGENE (C) 2002 THOMSON DERWENT
ACCESSION NUMBER: AAY45043 Protein DGENE
TITLE: Novel apoptotic proteins Apop1, Apop2 and Apop3 and recombinant nucleic acids encoding them for use in screening modulators which is useful for diagnosis and treatment of diseases -
INVENTOR: Luo Y; Huang B C B; Shen M; Yu P W
PATENT ASSIGNEE: (RIGE-N)RIGEL PHARM INC.
PATENT INFO: WO 2000007545 A2 20000217 64p
APPLICATION INFO: WO 1999-US17776 19990806
PRIORITY INFO: US 1998-95587 19980806
US 1998-95590 19980806
US 1998-99486 19980908
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 2000-205547 [18]
AN AAY45043 Protein DGENE
AB The patent discloses the use of novel apoptotic proteins and related molecules involved in apoptosis modulation. Expression vectors comprising the Apop DNA can be used to transform host cells. Apop DNA can be **administered** as DNA vaccines. Apop proteins are used to make polyclonal and monoclonal **antibodies** for use in immunotherapy. The proteins are useful in treating apoptosis-mediated disorders including cancer, autoimmune disorders, sustained viral infection, inappropriate cell loss and degenerative disorders. Drug candidates that affect Apop bioactivity are identified by screening. The present sequence is a C-terminal truncation mutant of Apop3 (1-436) protein also known as RIP3 (receptor-interacting protein). This mutant has dramatically reduced binding affinity for RIP and fails to induce apoptosis. Apop3 (1-436) inhibited TNFalpha-induced caspase activation. **Apo3** is associated with the TNFalpha (tumour necrosis factor) signalling complex and TNF induced NF (nuclear factor) kappaB transcription factor activation. Note: The present sequence is not

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Self-report screening tests for alcohol problems in primary care.
Arch Intern Med. 1995 Sep 11;155(16):1726-30. Review.
PMID: 7654105 [PubMed - indexed for MEDLINE]

46: Cherpitel CJ. Related Articles

Screening for alcohol problems in the emergency department.
Ann Emerg Med. 1995 Aug;26(2):158-66.
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47: Cherpitel CJ, Clark WB. Related Articles

Ethnic differences in performance of screening instruments for identifying harmful drinking and alcohol dependence in the emergency room.
Alcohol Clin Exp Res. 1995 Jun;19(3):628-34.
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☐ **51:** Chan AW, Pristach EA, Welte JW, Russell M. Related Articles

Use of the TWEAK test in screening for alcoholism/heavy drinking in three populations.
Alcohol Clin Exp Res. 1993 Dec;17(6):1188-92.
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